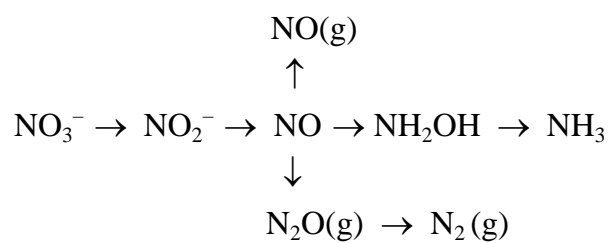


[6 – 8].

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, NO_3^- , (. 1),
 , (g).



. 1. -

8 ,
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NH_2OH .

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 20 ... 30 10 ... 20 / ²
 0,5 /

, [9] -
 [10], -

. -50.1

-8

s = 0,002 ... 0,100 / .

-004,

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E_{/2} , — E .

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(. 2) ,

(

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j /c (. 3). -

[11]:

$$E - E_{/2} = -1.85 \frac{RT}{zF} \quad (1)$$

R — , T — ,
 — , z — , F — .

αz . -

, $\alpha z(0,01) = 0,41$; $\alpha z(0,05) = 0,24$; $\alpha z(0,1) = 0,275$,

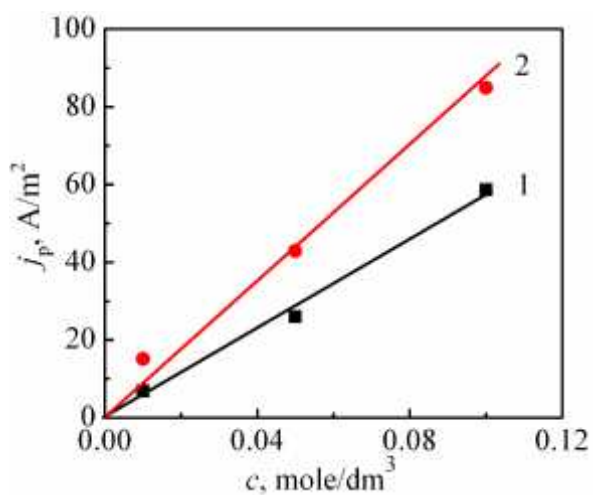
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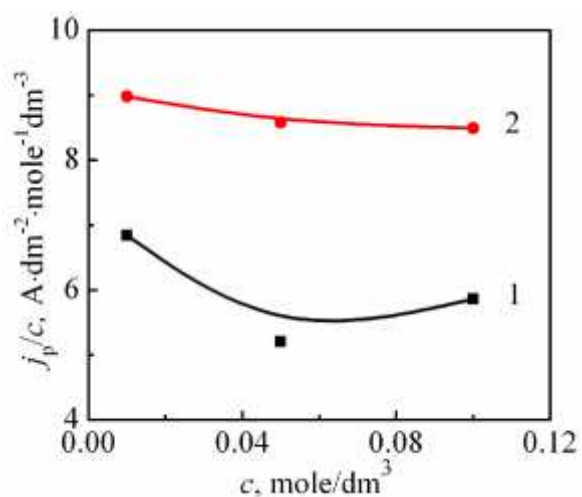
:

$$\frac{dE}{dlgs} = \frac{1}{p+1} 2.303 \frac{RT}{zF} , \quad (2)$$

NH₂OH.



. 2.



. 3.

0,002 (1) 0,01 (2) /

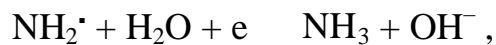
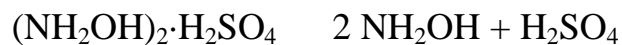
0,002 (1) 0,01 (2) /

p = 1,

$$\frac{dE}{dlgs} \approx 0,03.$$

X 1 [11],

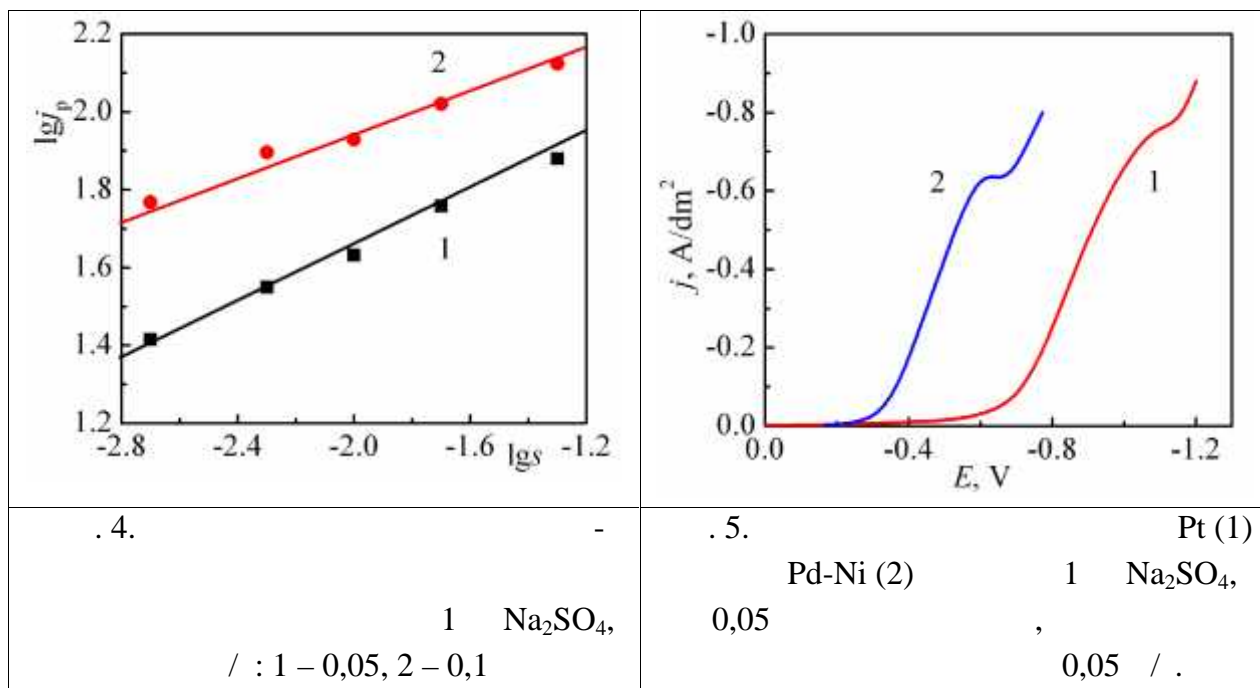
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0,01 0,05

2

(. 5)

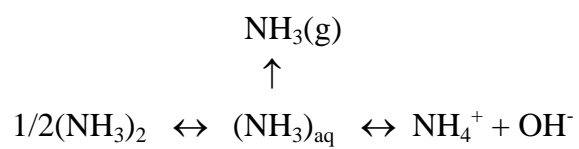


(. 1)

, [12],

(. 6)

NH_3



. 6.

Pt (NH₂OH) H₂SO₄, 2

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